

SECTION 07411 - MANUFACTURED ROOF PANELS

A. SUMMARY

1. Lap-seam roof panels with exposed fasteners.
2. Standing-seam roof panels.
3. Batten-seam roof panels.
4. Factory-assembled, insulated roof panels with **[exposed]** **[concealed]** fasteners.
5. Formed roof panels with **[exposed]** **[concealed]** fasteners.

B. QUALITY ASSURANCE

1. Fire-resistance-rated assemblies.

C. WARRANTY

1. Finish: 20 years.
2. Weathertightness: Five years.

D. MATERIALS

1. Metallic-Coated Steel Sheet Coil Coated:
 - a. Material: **[Galvanized]** **[Aluminum-zinc alloy-coated]** **[Aluminum coated]**.
 - b. Finish: **[Fluoropolymer two-coat coating]** **[Siliconized polyester]** **[Acrylic enamel]**.
2. Aluminum: **[Fluoropolymer two-coat coating]** **[Fluoropolymer three-coat coating]** **[Siliconized polyester]** **[Acrylic-enamel]** finish.
3. Copper.
4. Stainless Steel: **[2D (dull)]** **[2B (bright)]** finish.
5. Terne-coated stainless steel.
6. Insulated Roof Panel Core:
 - a. Honeycomb core.
 - b. Poured-in-place polyisocyanurate foam.
 - c. Polyisocyanurate board insulation.
 - d. Extruded-polystyrene board insulation.
 - e. Molded-polystyrene board insulation.

- f. Glass-fiberboard insulation.
- 7. Blanket Insulation: [**Glass fiber with facing**] [**Mineral fiber**].
- 8. Underlayment: [**Polyester fabric**] [**Polyethylene sheeting**] [**Self-adhering, polymer-modified, bituminous sheet**] [**Building paper**] [**No. 15 asphalt-saturated organic felt**] [**No. 30 asphalt-saturated organic felt**].
- 9. Polyester translucent panels.
- 10. Backer Board: [**Laminated hardboard**] [**Plywood**].
- 11. Type X gypsum board for fire-rated assemblies.
- 12. Snow guards.
- 13. Secondary Framing: [**Purlins**] [**Eave struts**] [**Flange and sag bracing**] [**Base or sill angles**].

END OF SECTION 07411